

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-16. (canceled).

17. (currently amended) A scissors lifting device comprising:

- a base unit;
- a carrier unit;
- an inner arm having first and second ends, the first end pivotably mounted to the base unit at an inner pivot, the second end slidably engaging the carrier unit;
- an outer arm having first and second ends, the first end slidably engaging the base unit, the second end pivotably mounted to the carrier unit at an outer pivot, the outer arm pivotably mounted to the inner arm at a scissors axle;
- a drive for raising the carrier unit;
- a drum parallel to the scissors axle and coupled to the drive to provide rotational movement in both directions;
- a lifting truck positioned between the inner and outer arm so that the axle is between the drum and the truck and movement of the truck toward ~~[[that]]~~ the axle causes the arms to open, and
- a band having a first end connected to the drum to enable the band to be wound around the drum, and a second end coupled to the lifting truck, the band extending directly from the drum to the lifting truck.

18. (previously presented) The scissors lifting device of claim 17 wherein the inner arm has a upper section located between the axle and the carrier unit and the outer arm has a lower section located between the axle and the base unit, and wherein the lifting truck is guided by a lifting cam that is arranged on one of the upper section and the lower section.

19. (previously presented) The scissors lifting device of claim 17 wherein the the inner arm has a upper section located between the axle and the carrier unit and the outer arm has a lower section located between the axle and the base unit, and wherein the lifting truck is guided by lifting cams that are arranged on both the upper section and the lower section.

20. (previously presented) The lifting device of claim 18 wherein the lifting cam is adjustable and replaceable such that a constant lifting load is achievable through selection and adjustment of a specific lifting cam.

21. (original) The lifting device of claim 17 wherein one arm is pivotably connected to the base unit at a first pivot axis and the drum is positioned at the first pivot axis.

22. (original) The lifting device of claim 17 wherein one arm is pivotably connected to the base unit at a first pivot axis and the drum is positioned such that the distance between the drum and axle is greater than the distance between the first pivot axis and the axle.

23. (original) The lifting device of claim 17 wherein the drive includes a frequency-controlled electric motor.

24-25. (canceled).

26. (previously presented) A scissors lifting device including a base unit, a carrier unit, first and second scissor-like arms connected at a scissors axle and pivotably and slideably connected relative to the base unit and carrier unit, the lifting device comprising:

- a drive for raising the carrier unit;
- a drum parallel to the scissors axle and coupled to the drive to provide rotational movement in both directions, the drum positioned near a pivotable connection between the first arm and the base unit;
- a band having first and second ends, the first end connected to the drum to allow the band to wind on the drum when the drum is rotated;
- a lifting truck coupled to the second end of the band, the truck positioned between the first and second arms on the side of the axle opposite the drum and movable toward and away from the axle so the movement of the truck toward the axle causes the arms to open; and
- stress-regulating means for imposing a constant lifting load such that tensile stress in the band remains constant during lifting and lowering, the stress-regulating means connected to at least one of the scissor-like arms.

27. (canceled).

28. (previously presented) The lifting device of claim 26 wherein the stress-regulating means is adjustable.

29. (previously presented) The lifting device of claim 28 wherein the stress-regulating means is replaceable.

30. (previously presented) The lifting device of claim 29 wherein the stress-regulating means includes a specifically designed lifting cam.

31. (previously presented) The lifting device of claim 26 wherein the stress-regulating means includes two specifically designed lifting cams.

32. (previously presented) The lifting device of claim 26 wherein the band extends directly from the drum to the lifting truck.

33. (previously presented) The lifting device of claim 26 wherein the band includes more than one band, the bands being arranged adjacent to one another, each band having first and second ends, with the first ends connected to the drum and the second ends coupled to the lifting truck.

34. (canceled).

35. (currently amended) ~~[[The]]~~ In a scissors lifting device of claim 34 wherein the lifting truck is guided by the type having a base unit, a carrier unit, a pair of scissors having an inner and outer arm pivotably mounted at a scissors axle and connected to the base unit and carrier unit, a drive for opening and closing the scissors, and a drum coupled to the drive for rotational movement, the improvement comprising:

a lifting cam that is arranged on one of the inner arm and outer arm; [[:]]

a lifting truck positioned between the inner and outer arm so that the axle is between the drum and truck, the lifting truck being guided by the lifting cam; and

a band having a first and second end, the first end connected to the drum to enable the band to be wound around the drum when the drum is rotated, and the second end coupled to the lifting truck, the band extending directly from the drum to the lifting truck;

wherein the lifting cam being is adjustable and replaceable such that a constant lifting load is achievable through selection and adjustment of a specific lifting cam and whereby the scissors are opened when the band is wound around the drum and the truck is pulled toward the scissors axle and the scissors are closed when the band is unwound from the drum and the truck is forced away from the axle by the arms.

36. (previously presented) The scissors lifting device of claim 35 wherein the inner arm has an upper section located between the axle and the carrier unit and the outer arm has a lower section located between the axle and the base unit, and wherein the lifting cam is arranged on one of the upper section and the lower section.

37. (previously presented) The scissors lifting device of claim 35 wherein the inner arm has an upper section located between the axle and the carrier unit and the outer arm has a lower section located between the axle and the base unit, and wherein the lifting cam includes first and second lifting cams, the first lifting cam being arranged on the upper section and the second lifting cam being arranged on the lower section.

38. (currently amended) The lifting device of claim ~~[[34]]~~ 35 wherein the drive includes a frequency-controlled electric motor.

39. (currently amended) The scissors lifting device of claim ~~[[34]]~~ 35 wherein the band includes more than one band, the bands being arranged adjacent to one another, each band having first and second ends, with the first ends connected to the drum and the second ends coupled to the lifting truck.